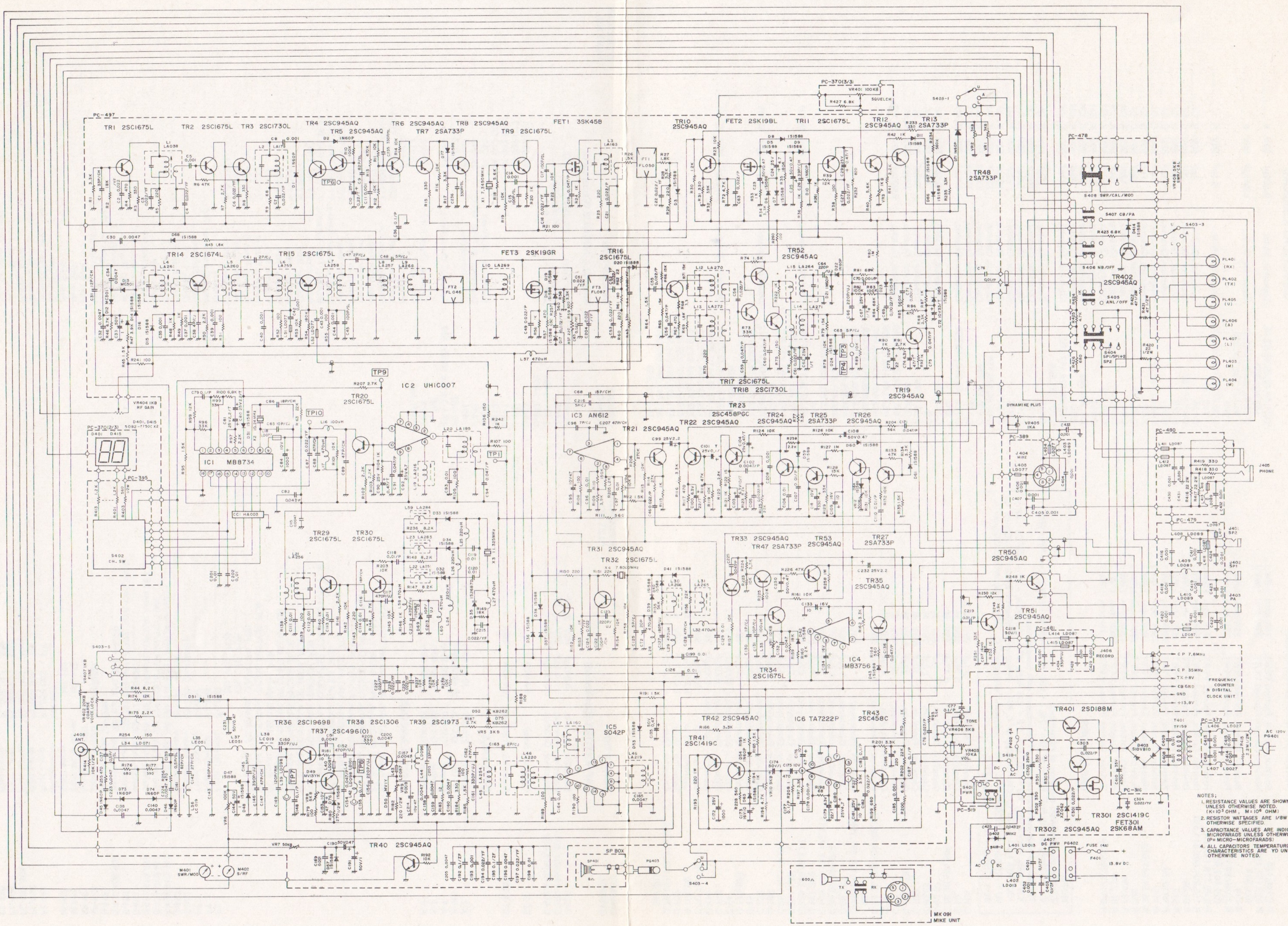
CIRCUIT DIAGRAM FOR COBRA 2000GTL



NOTES;

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=10³ OHM, M=10⁶ OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE SPECIFIED.
3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE SPECIFIED. (P= MICRO-MICROFARADS)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE YD UNLESS OTHERWISE NOTED.

BILL OF MATERIAL FOR COBRA 2000GTL

SEMICONDUCTORS

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
IC-1	Integrated Circuit,	MB8734	
IC-2	Integrated Circuit,	UHIC-007	
IC-3	Integrated Circuit,	AN612	
IC-4	Integrated Circuit,	MB3756	
IC-5	Integrated Circuit,	SO42P	
IC-6	Integrated Circuit,	TA7222P	
IC-501	Integrated Circuit,	TD62103P	
IC-502	Integrated Circuit,	TMS1000(MP-0038ASL)	
IC-503,504	Integrated Circuit,	TC4081P	
IC-505	Integrated Circuit,	74LS196	
IC-506	Integrated Circuit,	TC5032P	
IC-507	Integrated Circuit,	74LS00	
IC-508	Integrated Circuit,	TC5036P	
IC-509	Integrated Circuit,	SN74LS93N	
IC-510	Integrated Circuit,	SN74LS90N	
IC-511	Integrated Circuit,	TC4011P	
IC-512	Integrated Circuit,	SL1611C/DP	
FET-1	Field Effect Transistor,	3SK45-B	
FET-2	Field Effect Transistor,	2SK19-BL	
FET-3,501,502	Field Effect Transistor,	2SK19-GR	
FET-301	Field Effect Transistor,	2SK68A-M	
TR-1,2,9,11,15,16,17,20, 29,30,32,34,512,516, 517	Transistor,	2SC1675-L	
TR-3,18	Transistor,	2SC1730-L	
TR-4,5,6,8,10,12,19,21, 22,24,26,31,33,35, 40,42,50,51,52,53, 302,402,403,501,502, 503,504,505,506,507, 511,513,514,515,518, 520,521,510	Transistor,	2SC945A-Q	
TR-7,13,25,27,47,48,508, 509,404	Transistor,	2SA733-P	
TR-14	Transistor,	2SC1674-L	
TR-36	Transistor,	2SC1969-B	
TR-37	Transistor,	2SC496-O	
TR-38	Transistor,	2SC1306	
TR-39	Transistor,	2SC1973	
TR-41,301	Transistor,	2SC1419-C	
TR-43	Transistor,	2SC458-C	
TR-401	Transistor,	2SD188-M	
TR-519,522	Transistor,	2SC1846-Q	
TR-23	Transistor,	2SC458 PG-C	
D-1,2,10,21,22,45,46,54, 71,73,74,527	Diode,	1N60-P	

SEMICONDUCTORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
D-3,5,6,7,8,9,11,14,15, 16,17,18,19,20,23, 24,64,31,32,33,34,36, 37,38,39,40,41,42,43, 47,48,51,53,57,59,60, 61,63,65,66,67,68,76, 77,501,502,503,504, 505,506,507,508,509, 510,511,513,514,515, 516,517,518,519,520, 521,523,525,526,414	Diode,	1S1588	
D-402,530	Diode,	SR1K-2	
D-403	Diode,	S10VB10	
D-12,13,	Diode,	MC301	
D-301	Diode, Zener,	XZ-062	
D-528	Diode, Zener,	XZ-057	
D-401,415	Diode, LED,	5082-7750-C	
D-404,405,408,409,410, 411	Diode, LED,	5082-7760-C	
D-406,407	Diode, LED,	5082-4100	
D-412,413	Diode, LED,	5082-4484	
D-35,69	Diode, Vari-Cap,	1S2687-D	
D-52,75	Varistor,	KB-262	
D-50	Varistor,	MV-1Y	
D-49	Varistor,	MV-13YH	
SCR-501	S.C.R.,	5P-05M	

INDUCTORS

CIRCUIT SYMBOL	DESCRIPTION		DYNASCAN PART NO.
L-1,502	Coil,	LA-038	
L-22	Coil,	LA-051	
L-47	Coil,	LA-160	
L-3	Coil,	LA-163	
L-2	Coil,	LA-179	
L-20,501	Coil,	LA-195	
L-19	Coil,	LA-216	
L-48	Coil,	LA-219	
L-46	Coil,	LA-220	
L-45	Coil,	LA-254	
L-21	Coil,	LA-256	
L-8	Coil,	LA-257	
L-7	Coil,	LA-258	
L-6	Coil,	LA-259	
L-5	Coil,	LA-260	
L-4	Coil,	LA-261	
L-15	Coil,	LA-264	
L-31	Coil,	LA-265	
L-30	Coil,	LA-266	
L-9	Coil,	LA-268	
L-10	Coil,	LA-269	
L-12	Coil,	LA-270	
L-14	Coil,	LA-271	
L-13	Coil,	LA-272	
L-59	Coil,	LA-284	
L-23	Coil,	LA-285	
L-36,38	Coil,	LC-019	
L-401,402	Coil,	LD-013	
L-406,407	Coil,	LD-027	
L-34	Ferrite Bead Core,	LD-071	
L-51,52,18,404,405	Ferrite Bead Core,	LD-077	

INDUCTORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
L-40,43,414,418,415, 503,504,419,506,411, 412,416,417	Ferrite Bead Core, LD-087	
L-44	Coil, LD-096	
L-39,42	Coil, LD-098	
L-41	Coil, LD-101	
L-403,408,409,410,413	Coil, LD-089	
L-35,37	Coil, LE-051	
L-16,33	Inductor, Molded, LZ-012 100μH	
L-24,25,26	Inductor, Molded, LZ-012 220μH	
L-17,27,28,29,32,57,58,60	Inductor, Molded, LZ-012 470μH	
T-401	Transformer, Power, TF-159	

SEMI-FIXED & VARIABLE RESISTORS

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
VR-9,12	Resistor, Semi-fixed, RV-189, 500 ohm B	
VR-3	Resistor, Semi-fixed, RV-189, 1K ohm B	
VR-1,2,5	Resistor, Semi-fixed, RV-189, 3K ohm B	
VR-8,10	Resistor, Semi-fixed, RV-189, 5K ohm B	
VR-4,11	Resistor, Semi-fixed, RV-189, 10K ohm B	
VR-6	Resistor, Semi-fixed, RV-189, 100K ohm B	
VR-7	Resistor, Semi-fixed, RV-189, 50K ohm B	
VR-403	Resistor, Variable, RV-036, 10K ohm A, VOL	
VR-406	Resistor, Variable, RV-074, 5K ohm B, TONE	
VR-401	Resistor, Variable, RV-126, 100K ohm B, SQ	
VR-405	Resistor, Variable, RV-319, 1K ohm A, Dynamike	
VR-407,402	Resistor, Variable, 2-shaft 2-gang, RV-375 1K ohm B/ 20K ohm B, FINE/COARSE	
VR-404,408	Resistor, Variable, 2-shaft 2-gang, RV-376 1K ohm B/ 5K ohm B, RF GAIN/CAL	

FIXED RESISTORS

NOTE:
Resistor tolerance: J = ±5% K = ±10%

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-416,417	Resistor, Metal Film, 22 ohm 2W K	
R-550	Resistor, Metal Film, 22 ohm 1W K	
R-193	Resistor, Metal Film, 220 ohm 1W K	
R-420	Resistor, Carbon, Axial Lead, 22 ohm 1/2W J	
R-421,422	Resistor, Carbon, Axial Lead, 47 ohm 1/2W J	
R-182, 555	Resistor, Carbon, Axial Lead, 220 ohm 1/2W J	
R-180	Resistor, Carbon, Axial Lead, 270 ohm 1/2W J	
R-403	Resistor, Carbon, Axial Lead, 560 ohm 1/2W J	
R-414	Resistor, Carbon, Axial Lead, 10K ohm 1/2W J	
R-415	Resistor, Carbon, Axial Lead, 2.2M ohm 1/2W J	
R-107	Resistor, Carbon, Axial Lead, 100 ohm 1/8W J	
R-254	Resistor, Carbon, Axial Lead, 150 ohm 1/8W J	
R-29,433	Resistor, Carbon, Axial Lead, 220 ohm 1/8W J	
R-301,302	Resistor, Carbon, Axial Lead, 330 ohm 1/8W J	
R-431,432	Resistor, Carbon, Axial Lead, 470 ohm 1/8W J	
R-426	Resistor, Carbon, Axial Lead, 680 ohm 1/8W J	
R-42,303,424,516	Resistor, Carbon, Axial Lead, 1K ohm 1/8W J	
R-45,191	Resistor, Carbon, Axial Lead, 1.5K ohm 1/8W J	
R-43	Resistor, Carbon, Axial Lead, 1.8K ohm 1/8W J	
R-34,224	Resistor, Carbon, Axial Lead, 3.3K ohm 1/8W J	
R-32	Resistor, Carbon, Axial Lead, 3.9K ohm 1/8W J	
R-425	Resistor, Carbon, Axial Lead, 4.7K ohm 1/8W J	
R-423,427	Resistor, Carbon, Axial Lead, 6.8K ohm 1/8W J	

FIXED RESISTORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-113	Resistor, Carbon, Axial Lead, 10K ohm 1/8W J	
R-225	Resistor, Carbon, Axial Lead, 100K ohm 1/8W J	
R-553	Resistor, Carbon, Formed VERT, 0.5 ohm 1/8W J	
R-208	Resistor, Carbon, Formed VERT, 1 ohm 1/8W J	
R-68	Resistor, Carbon, Formed VERT, 3.3 ohm 1/8W J	
R-122	Resistor, Carbon, Formed VERT, 15 ohm 1/8W J	
R-62	Resistor, Carbon, Formed VERT, 22 ohm 1/8W J	
R-9,76,198	Resistor, Carbon, Formed VERT, 68 ohm 1/8W J	
R-501,502,503,504,505, 506,507	Resistor, Carbon, Formed VERT, 82 ohm 1/8W J	
R-21,38,51,52,55,105,108, 139,179,186,188,189, 190,241,260,528,536	Resistor, Carbon, Formed VERT, 100 ohm 1/8W J	
R-75,106,517,518,530	Resistor, Carbon, Formed VERT, 150 ohm 1/8W J	
R-61	Resistor, Carbon, Formed VERT, 180 ohm 1/8W J	
R-183	Resistor, Carbon, Formed VERT, 12 ohm 1/8W J	
R-5,25,37,60,70,143,150, 554	Resistor, Carbon, Formed VERT, 220 ohm 1/8W J	
R-552	Resistor, Carbon, Formed VERT, 270 ohm 1/8W J	
R-3,15,31,63,184,209,233, 418,419,8	Resistor, Carbon, Formed VERT, 330 ohm 1/8W J	
R-177	Resistor, Carbon, Formed VERT, 390 ohm 1/8W J	
R-4,57,67,117,255,256, 535	Resistor, Carbon, Formed VERT, 470 ohm 1/8W J	
R-111,164,228,257	Resistor, Carbon, Formed VERT, 560 ohm 1/8W J	
R-176,199,533,551	Resistor, Carbon, Formed VERT, 680 ohm 1/8W J	
R-59,232	Resistor, Carbon, Formed VERT, 820 ohm 1/8W J	
R-181	Resistor, Carbon, Formed VERT, 10 ohm 1/8W J	
R-20,24,33,36,48,49,56, 87,90,92,104,115,121, 138,140,146,153,170, 194,195,222,242,248, 252,514,515,522,524, 529,532,261	Resistor, Carbon, Formed VERT, 1K ohm 1/8W J	
R-30,205,401,402,404, 405,406,407,408,409, 410,411,412,413,510	Resistor, Carbon, Formed VERT, 1.2K ohm 1/8W J	
R-64,74,95,112,26,135, 165,185	Resistor, Carbon, Formed VERT, 1.5K ohm 1/8W J	
R-27,534,69	Resistor, Carbon, Formed VERT, 1.8K ohm 1/8W J	
R-41,50,97,102,103,120, 141,175,259	Resistor, Carbon, Formed VERT, 2.2K ohm 1/8W J	
R-7,91,144,187,207	Resistor, Carbon, Formed VERT, 2.7K ohm 1/8W J	
R-1,17,28,58,77,88,116,134, 162,166,197,201,251,235	Resistor, Carbon, Formed VERT, 3.3K ohm 1/8W J	
R-47,109,227,249,531	Resistor, Carbon, Formed VERT, 3.9K ohm 1/8W J	
R-46,72,196,511,523,525	Resistor, Carbon, Formed VERT, 4.7K ohm 1/8W J	
R-18,40,93,537,538	Resistor, Carbon, Formed VERT, 5.6K ohm 1/8W J	
R-100,200,	Resistor, Carbon, Formed VERT, 6.8K ohm 1/8W J	
R-44,123,147,148,160, 236,540,541	Resistor, Carbon, Formed VERT, 8.2K ohm 1/8W J	
R-11,12,14,16,19,22,23,53, 78,89,101,119,124,126, 131,132,142,145,152, 154,157,158,161,192, 203,223,237,238,239, 436,509,512,519,526, 527,543,546,548	Resistor, Carbon, Formed VERT, 10K ohm 1/8W J	
R-39,98,174,250	Resistor, Carbon, Formed VERT, 12K ohm 1/8W J	
R-65,66,71,79,128	Resistor, Carbon, Formed VERT, 15K ohm 1/8W J	

FIXED RESISTORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
R-2,149,159	Resistor, Carbon, Formed VERT, 18K ohm 1/8W J	
R-125,151,156,163,202, 521,544	Resistor, Carbon, Formed VERT, 22K ohm 1/8W J	
R-114	Resistor, Carbon, Formed VERT, 27K ohm 1/8W J	
R-73,96,99,129,435, 520,542,556	Resistor, Carbon, Formed VERT, 33K ohm 1/8W J	
R-6,86,118,133,226	Resistor, Carbon, Formed VERT, 47K ohm 1/8W J	
R-155,204,508,513,557	Resistor, Carbon, Formed VERT, 56K ohm 1/8W J	
R-81,84	Resistor, Carbon, Formed VERT, 68K ohm 1/8W J	
R-545	Resistor, Carbon, Formed VERT, 82K ohm 1/8W J	
R-10,82,83	Resistor, Carbon, Formed VERT, 100K ohm 1/8W J	
R-110	Resistor, Carbon, Formed VERT, 150K ohm 1/8W J	
R-35,54,547,549	Resistor, Carbon, Formed VERT, 180K ohm 1/8W J	
R-206	Resistor, Carbon, Formed VERT, 270K ohm 1/8W J	
R-13,434	Resistor, Carbon, Formed VERT, 470K ohm 1/8W J	
R-85,234	Resistor, Carbon, Formed VERT, 560K ohm 1/8W J	
R-80,127,258,539	Resistor, Carbon, Formed VERT, 1M ohm 1/8W J	

CAPACITORS

NOTE:
The first code indicates tolerance of capacitance:
C = ±0.25pF, **D** = ±0.5pF, **F** = ±1pF, **G** = ±2%, **J** = ±5%, **K** = ±10%, **M** = ±20%, **Z** = +70% -20%
The second code indicates variation of capacitance with temperature:
YA = ±5%, **YB** = ±10%, **YD** = +20 -30%, **YE** = +20 -50%, **YF** = +30 -80%, (-25 ~ +85°C), **ZF** = +30 -80% (-10 ~ +70°C), **CH** = 0±60ppm/°C, **RH** = -220ppm/°C±60ppm/°C, **CJ** = 0±120ppm/°C, **RJ** = -220ppm/°C±120ppm/°C, **TH** = -470ppm/°C±60ppm/°C, **UJ** = -750ppm°/C±120ppm/°C **SL** = +350ppm°/C ~ -1000ppm/°C,

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
C-101	Capacitor, Tantalum, 0.1μF 25V M	
C-10	Capacitor, Tantalum, 0.22μF 25V M	
C-29,90,104,505	Capacitor, Tantalum, 0.47μF 25V M	
C-62,67	Capacitor, Tantalum, 1μF 25V M	
C-80,81	Capacitor, Tantalum, 2.2μF 25V M	
C-103	Capacitor, Tantalum, 10μF 6.3V M	
C-100,179	Capacitor, Tantalum, 22μF 6.3V M	
C-72	Capacitor, Tantalum, 33μF 10V M	
C-74	Capacitor, Tantalum, 47μF 6.3V M	
C-23,25,108,135,190,230, 231	Capacitor, Electrolytic, 0.47μF 50V.......................	
C-33,144,174,191,218,525	Capacitor, Electrolytic, 1μF 50V.......................	
C-99,232	Capacitor, Electrolytic, 2.2μF 25V	
C-24,92,180,512	Capacitor, Electrolytic, 4.7μF 25V	
C-109,133,134,173,217	Capacitor, Electrolytic, 10μF 16V	
C-181,302	Capacitor, Electrolytic, 10μF 25V	
C-535,540,542,73	Capacitor, Electrolytic, 22μF 10V	
C-501,530	Capacitor, Electrolytic, 22μF 16V	
C-95,153,176,214	Capacitor, Electrolytic, 47μF 10V	
C-186	Capacitor, Electrolytic, 220μF 10V	
C-527	Capacitor, Electrolytic, 220μF 16V	
C-18	Capacitor, Electrolytic, 330μF 10V	
C-175,523	Capacitor, Electrolytic, 470μF 10V	
C-84	Capacitor, Electrolytic, 1000μF 10V	
C-172	Capacitor, Electrolytic, 1000μF 25V	
C-410	Capacitor, Electrolytic, 4700μF 35V	
C-70,71,178	Capacitor, Mylar, 0.001μF 50V K	
C-105,69	Capacitor, Mylar, 0.0022μF 50V K	
C-102	Capacitor, Mylar, 0.0047μF 50V K	
C-78,107,110,118,546, 547,219	Capacitor, Mylar, 0.01μF 50V K	

CAPACITORS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
C-21,46,49,55,58,63,76, 182,301,303	Capacitor, Mylar, 0.022μF 50V K	
C-19,56,59,60,75,82,91, 94,121,136,154,225, 511	Capacitor, Mylar, 0.047μF 50V K	
C-36,77,79,148,155,177, 183,187	Capacitor, Mylar, 0.1μF 50V K	
C-130	Capacitor, Ceramic, 1pF 50V C, CJ	
C-41,47,163	Capacitor, Ceramic, 2pF 50V C, CJ	
C-145	Capacitor, Ceramic, 3pF 50V C, CJ	
C-38	Capacitor, Ceramic, 4pF 50V C, CJ	
C-48,65,125,216	Capacitor, Ceramic, 5pF 50V C, CJ	
C-98	Capacitor, Ceramic, 7pF 50V D, CJ	
C-85,131	Capacitor, Ceramic, 10pF 50V D, CJ	
C-31	Capacitor, Ceramic, 12pF 50V K, CH	
C-68	Capacitor, Ceramic, 15pF 50V K, CH	
C-86,116	Capacitor, Ceramic, 18pF 50V K, CH	
C-142	Capacitor, Ceramic, 27pF 50V K, CH	
C-1,502,203	Capacitor, Ceramic, 33pF 50V K, CH	
C-26	Capacitor, Ceramic, 39pF 50V K, CH	
C-88,89,128,147,162, 207,537,538	Capacitor, Ceramic, 47pF 50V K, CH	
C-141	Capacitor, Ceramic, 82pF 50V K, CH	
C-122	Capacitor, Ceramic, 100pF 50V K, CH	
C-149	Capacitor, Ceramic, 120pF 50V K, RH.............	
C-213	Capacitor, Ceramic, 10pF 50V K, UJ	
C-127,143	Capacitor, Ceramic, 180pF 50V K, UJ	
C-64,66,123,156	Capacitor, Ceramic, 220pF 50V K, UJ	
C-150,161,434	Capacitor, Ceramic, 330pF 50V K, UJ	
C-146	Capacitor, Ceramic, 390pF 50V K, UJ	
C-117,152,212,549,550, 552	Capacitor, Ceramic, 470pF 50V K, UJ	
C-137,139	Capacitor, Ceramic, 0.5pF 50V C, SL	
C-9	Capacitor, Ceramic, 82pF 50V K, SL	
C-15,17,45	Capacitor, Ceramic, 100pF 50V K, SL	
C-235,236	Capacitor, Ceramic, 330pF 50V K, SL	
C-5,8,11,14,35,37,39,40, 42,43,44,189,193,208, 402,404,405,406,407, 185,548,416,417,418, 419,420,421,422,423, 424,426,433,428,429, 430,431,432,516,517, 518,520,526,528,510, 554	Capacitor, Ceramic, 0.001μF 50V M, YD	
C-30,32,34,115,132,138, 140,151,157,158,159, 160,165,196,200,205, 223,224	Capacitor, Ceramic, 0.0047μF 50V M, YD	
C-93,96,97,106,111,112, 113,114,119,120,126, 129,164,198,199,201, 202,408,409	Capacitor, Ceramic, 0.01μF 50V M, YD	
C-2,3,4,6,7,16,22,27,50, 51,52,53,54,61,83,87, 124,194,204,215,227, 228,229,304,513,514, 515,519,521,522,529, 531,532,533,534,536, 541,543,544,545,551, 553,197,555	Capacitor, Ceramic, 0.022μF 50V Z, YF	

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	CAPACITORS (Continued)	
C-425	Capacitor, Ceramic, 0.047μF 50V Z, ZF	
C-192,195,401,403	Capacitor, Ceramic, 0.1μF 25V Z, ZF	
C-412,413,414,415	Capacitor, Ceramic, 0.001μF 125V	
CC-1	Capacitor Array, HA-003	
CT-2,501	Capacitor, Trimmer, CV-028 20pF	
	CRYSTALS	
X-2	Crystal, QX-077, 10.24 MHz	
X-501	Crystal, QX-088, 10.4858 MHz	
X-4	Crystal, QX-092, 7.800 MHz	
X-1	Crystal, QX-093, 7.345 MHz	
X-3	Crystal, QX-099, 11.325 MHz	
	MISCELLANEOUS	
	PC Board, PC-315AA, ALARM SWITCH, PCB	
	PC Board, PC-316AA, PWR SUPPLY, PCB	
	PC Board, PC-369AA, CLOCK/COUNTER, PCB	
	PC Board, PC-372AA, FILTER, PCB	
	PC Board, PC-389AA, MIC JACK, PCB	
	PC Board, PC-395AA, CH SW, PCB	
	PC Board, PC-477AA, COUNTER/TIME SWITCH, PCB	
	PC Board, PC-478AA, SWITCH, PCB	
	PC Board, PC-479AA, SP JACK, PCB	
	PC Board, PC-480AA, PHONE JACK, PCB	
	PC Board, PC-481AA, RECORD JACK, PCB	
	PC Board, PC-497AA, MAIN, PCB	
	PC Board, PC-519AA, AC/DC SWITCH, PCB	
	PC Board, PC-370AA, COUNTER, PCB	
	CH, LED, PCB	
	SQ, VOL, PCB	
FT-1	Filter, Ceramic, FL-050	
FT-2	Filter, Crystal, FL-046	
FT-3	Filter, Crystal, FL-067	
S-402	Switch, Rotary, SR-209 CHANNEL	
S-403	Switch, Rotary, SR-231 MODE	
S-409,410,411,	Switch, Push, SW-084 TIME SET/HOUR/MINUTE	
S-415,416,417	Switch, Push, SW-174 COUNTER/AUTO/TIME	
S-412,413,414	Switch, Push, SW-175 ALARM/RADIO/ALARM SET	
S-401	Switch, Push, SW-177 POWER	
S-408	Switch, Lever, SW-151 SP1/SP1+2/SP2, SWR/CAL/MOD	
S-405,406,407	Switch, Lever, SW-152 ANL/N B, PA/CB	
S-418	Switch, Slide, SW-099	
SP-402	Speaker, SP-058 EAF-14R06B	
SP-401	Speaker, SP-003	
M-401	SWR/MOD Meter, MT-173	
M-402	S/RF Meter, MT-172	
	Microphone, MK-091	
PL-401	Pilot Lamp, PL-068-002 RX	
PL-402	Pilot Lamp, PL-068-004 TX	
PL-403,404	Pilot Lamp, PL-068-006 Meter	
PL-405	Pilot Lamp, PL-068-008 USB	
PL-406	Pilot Lamp, PL-068-012 AM	

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	MISCELLANEOUS (Continued)	
PL-407	Pilot Lamp, PL-068-014 LSB	
J-405	Jack, JK-005-002	
J-401, J-402	Jack, JK-010	
J-403, J-406		
J-409	JK-032-001	
J-410	JK-032-013	
J-411	JK-032-017	
J-412	JK-032-002	
J-407	Receptacle, DC Power, JK-052	
J-408	Connector, M Type, ANT, JK-068	
J-404	Jack, Microphone, JK-107	
PG-403	Plug, PG-003	
TP-1,3,4,6,9,10,501,502, 503	Terminal, Check Point, TP-019	
TP-7,8	Terminal, Check Point, TP-027	
F-401,402	Fuse, 4A FS-012	
	Holder, Fuse, FH-002	
	Insulation sheet, YD-003-002, TR401	
	Bushing, Transistor, YD-004-001, TR401	
	Insulation sheet, YD-033, TR41	
	Insulation sheet, YD-039, IC6	
	Insulation sheet, YD-040, IC4	
	Insulation sheet, YD-003-004, SCR1	
	Insulation sheet Almina, YY-027, TR36,38	
	Bushing, Tight Ceramic, YY-036, TR36,38,41	
	Push button, YY-106, S 401	
	Clamper, Wire, YY-047	
	Clamper, Wire, YY-049	
	Clamper, Wire, YY-048	
	Clamper, Wire, YY-023	
	Bushing, Snap-In, YY-025	
	Bushing, Snap-In, YY-024	
	AC Power Cord, WZ-022	
	DC Power Cord, W-070273	
	Chassis,	
	Metal Cover, Inner Top,	
	Cover, Bottom,	
	Chassis, Front,	
	Cover, Side (R),	
	Cover, Side (L),	
	Panel, Rear,	
	Holder, Lamp (A),	
	Holder, Lamp (B),	
	Holder, Meter,	
	Holder, Switch,	
	Holder, Capacitor (A),	
	Holder, Transformer,	
	Heat Sink,	
	Heat Sink,	
	Heat Sink,	
	Shield Case,	
	Shield Case Cover, Top,	
	Bracket, Switch,	
	Holder, Knob,	
	Hanger, Microphone,	
	Lug Terminal, Ground,	

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MISCELLANEOUS (Continued)

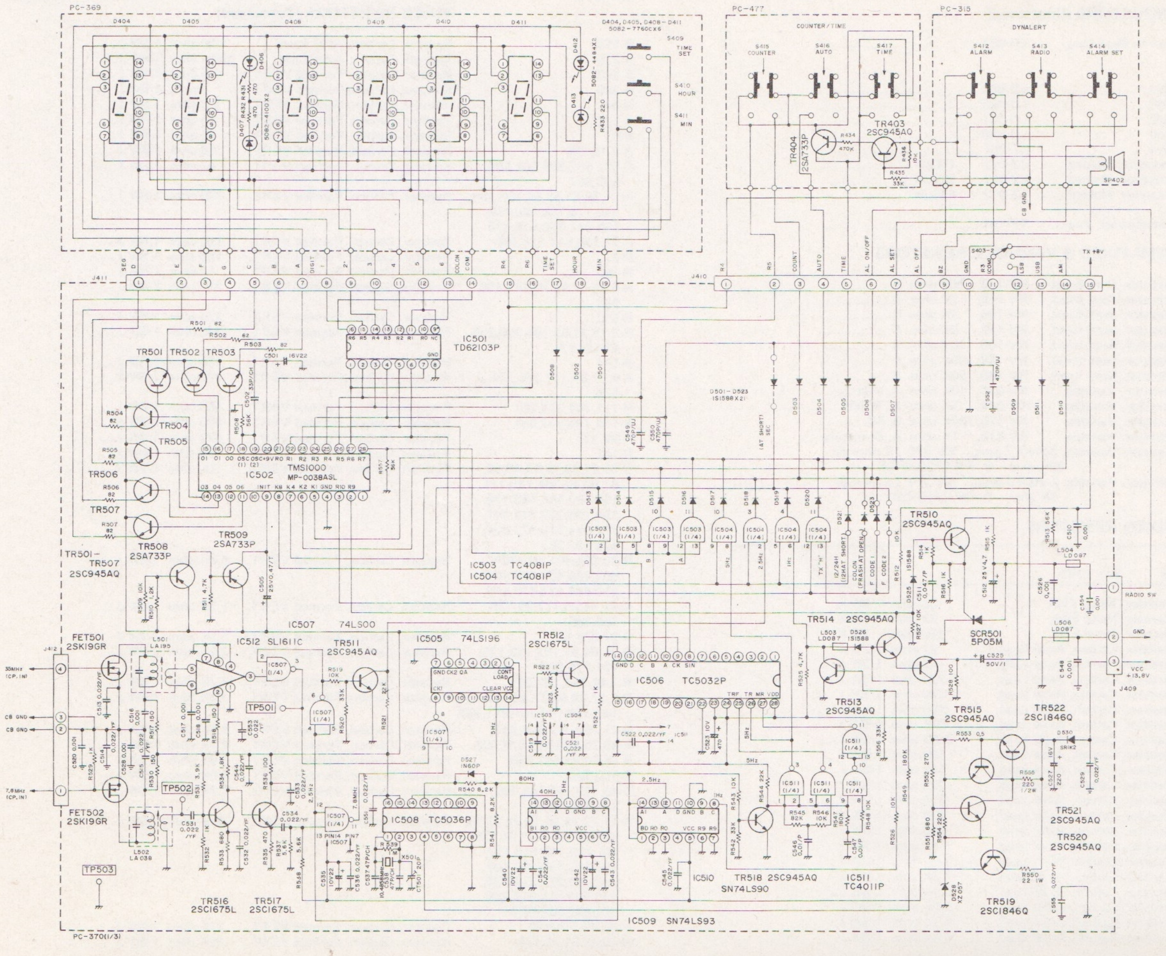
CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	Shield Plate,	
	Panching Metal,	
	Shield Case Cover, Bottom,	
	Lug Terminal, Ground,	
	Cover, Top, Wood,	
	Panel, Front,	
	Knob, Channel (completed),	
	Knob, (completed),	
	Knob, Push-button, (completed)	
	Knob, Concentric, Outer, (completed)	
	Knob, Concentric, Inner, (completed)	
	Bushing, Polyethylene,	
	Nameplate, Control (A),	
	Nameplate, Control (B),	
	Nameplate, Brand,	
	ID Plate, FCC,	
	Label, Fuse Replacement,	
	Label, Caution, Side,	
	Label, Caution, Bottom,	
	Label, Serial No.,	
	Label, Production Date,	
	Label, Warning, DC Cord,	
	Panel, Front Display,	
	Optical, Filter, Clock	
	Optical Filter,	
	Optical Filter,	
	Optical Filter,	
	Optical Filter, Display,	
	Knob, Push-Button,	
	Stud,	
	Spacer,	
	Cushion,	
	Cushion,	
	Washer, Rubber,	
	Washer, Bakelite,	
	Optical Shielding Cloth,	
	Insulation Plate,	
	Cushion,	
	Coil Spring,	
	Cushion,	
	Screw, Bind Hd, Ni, M2.6 x 4	
	Screw, Bind Hd, Ni, M2.6 x 6	
	Screw, Bind Hd, Ni, M2.6 x 10	
	Screw, Bind Hd, Ni, M3 x 5	
	Screw, Bind Hd, Ni, M3 x 8	
	Screw, Bind Hd, Ni, M3 x 14	
	Screw, Bind Hd, Ni, M4 x 10	
	Screw, Bind Hd, Ni, M5 x 14	
	Screw, Flat Hd, Ni, M3 x 6	
	Screw, Oval Countersunk Hd, M3 x 6	
	Tapping, Screw, Bind Hd, ZMC, 3 x 6	
	Tapping, Screw, Bind Hd, ZMC, 3 x 8	
	Tap Tight Screw, Bind Hd, ZMC, M3 x 6	
	Tap Tight Screw, Bind Hd, ZMC, M3 x 8	
	Tap Tight Screw, Bind Hd, ZMC, M3 x 12	
	Tap Tight Screw, Bind Hd, ZMC, M3 x 14	
	Self-tap Screw, Round Hd, Ni, 3.1ϕ x 10	
	Screw, Pan Hd, Plastic, M3 x 6	
	Tapping, Screw, Trass Hd, B, Ni, 3ϕ x 8	

MISCELLANEOUS (Continued)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	Nut, Flange, ZMC, M4	
	Nut, Hex, Ni, M3	
	Nut, Hex, Ni, M2.6	
	Washer, Flat, Ni, 3ϕ	
	Washer, Flat, Ni, 5ϕ	
	Washer, Spring, Ni, 3ϕ	
	Washer, Spring, Ni, 2.6ϕ	
	Foot, 25ϕ x 17H	
	Spring Plate, Knob, CH	
	Spring Plate, Knob, Outer,	
	Spring Plate, Knob, Inner,	
	Strain Relief, HEYCO 3P-4	
	Rivet, AL, ID Plate,	
	Terminal, Lug, Solder,	
	Vinyl Bag, Miscellany, 100 x 120 x 0.05t	
	Vinyl Bag, Microphone, 110 x 600 x 0.05t	
	Vinyl Bag, Cords, 120 x 280 x 0.05t	
	Vinyl Bag, Printed Matters, 170 x 320 x 0.05t	
	Vinyl Bag, SP Box, 320 x 500 x 0.1t	
	Vinyl Bag, Unit	
	Accessories Box,	
	Display Box,	
	Protection Paper Sheet,	
	Shipping Carton Box,	
	Styrofoam Pad (R),	
	Styrofoam Pad (L),	
	Styrofoam Pad (C),	
	Owners Manual,	
	Schematic Diagram/Bill of Material,	
	Warranty Card,	
	Service Station Card,	
	FCC Application Form,	
	Temporary Permit Form 555-B,	
	FCC Rules Part 95,	

MISCELLANEOUS (SEPARATE SPEAKER BOX)

CIRCUIT SYMBOL	DESCRIPTION	DYNASCAN PART NO.
	Bracket, Front Panel (R),	
	Bracket, Front Panel (L),	
	Cover, Bottom,	
	Panel, Rear,	
	Baffle Board,	
	Panel, Front,	
	Grille, Speaker (A),	
	Grille, Speaker (B),	
	Cover, Top, Wood,	
	Plate (A),	
	Plate (B),	
	Plate (C),	
	Plate (D),	



NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED (K= KILO OHM, M= MEG OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE SPACIFIED
3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED (P=MICRO-MICROFARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE YD UNLESS OTHERWISE SPACIFIED